

## EAST Search History

| Ref # | Hits | Search Query                                    | DBs   | Default Operator | Plurals | Time Stamp          |
|-------|------|---|---|------------------|---------|---------------------|
| S1    | 2    | "20050081146"                                   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/12/18<br>16:17 |
| S2    | 13   | creat\$4 near3 (relation<br>near2 chart\$1)     | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/12/18<br>16:23 |
| S3    | 3102 | (relation near2 chart<br>\$1)                   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/12/18<br>16:28 |
| S4    | 48   | S3 and (creat\$4 near3<br>chart\$1)             | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/12/18<br>16:28 |
| S5    | 8    | S4 and (display\$4<br>near3 chart\$1)           | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/12/18<br>16:24 |
| S6    | 5979 | ((relation or<br>comparison) near2<br>chart\$1) | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/12/18<br>16:28 |
| S7    | 118  | S6 and (creat\$4 near3<br>chart\$1)             | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/12/18<br>16:29 |

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| S8  | 458  | S6 and ((product\$4 or creat\$4) near3 chart \$1)                  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/18<br>16:29 |
| S9  | 114  | S8 and ((output\$4 or display\$4) near3 chart \$1)                 | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/18<br>16:29 |
| S10 | 12   | S9 and (associat\$4 near3 line\$1)                                 | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/18<br>16:30 |
| S11 | 8167 | compar\$4 near3 document\$1  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/29<br>13:02 |
| S12 | 285  | S11 and ((comparison or relation) near3 (chart or graph or table)) | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/29<br>13:03 |
| S13 | 63   | S12 and (document near3 relation\$1)                               | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/29<br>13:04 |
| S14 | 33   | S13 and (document near3 pair\$1)                                   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/29<br>13:17 |
| S15 | 123  | S12 and (time near3 (information or data or metadata))             | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/29<br>13:17 |

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| S16 | 12   | S15 and (document near3 pair\$1)                | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/29<br>13:18 |
| S17 | 8394 | document near3 (compar\$4 or relevancy)         | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/29<br>16:11 |
| S18 | 67   | S17 and (time near2 chart)                      | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/29<br>16:15 |
| S19 | 1    | S18 and (extract near3 time)                    | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/29<br>16:11 |
| S20 | 4    | S18 and (chart near3 (comparison or relevancy)) | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/29<br>16:12 |
| S21 | 19   | S18 and (document near3 pair\$1)                | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/29<br>16:17 |
| S22 | 614  | S17 and (document near3 pair\$1)                | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/29<br>16:17 |
| S23 | 414  | S22 and (document near3 time)                   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/29<br>16:17 |

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| S24 | 31   | S23 and ((chart or graph) near3 document)                           | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/29<br>16:18 |
| S25 | 6    | S24 and ((chart or graph) near3 time)                               | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/29<br>16:18 |
| S26 | 2    | "5634051".pn.   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/06<br>11:43 |
| S27 | 2    | "6029195".pn.   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/06<br>11:43 |
| S28 | 2    | "20070088624"   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/06<br>17:16 |
| S29 | 2    | "20030135512"   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/06<br>17:17 |
| S30 | 9311 | (relation or relevan\$4 or comparison) near3 chart                  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/06<br>23:49 |
| S31 | 178  | (relation or relevan\$4 or comparison) near3 chart near3 display\$3 | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/07<br>00:10 |

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| S32 | 1970 | chart with before with after  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/07<br>00:17 |
| S33 | 2    | S31 and (chart with before with after)  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/07<br>00:17 |
| S34 | 1970 | S32 and (chart with before with after)  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/07<br>00:18 |
| S35 | 115  | S30 and (chart with before with after)  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/07<br>00:18 |
| S36 | 9    | S35 and ((relation or relevancy\$4 or comparison) with chart with display\$3) | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/07<br>00:18 |
| S37 | 98   | S30 and (chart near3 before)  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/07<br>00:20 |
| S38 | 5    | S31 and (chart near3 before)  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/07<br>00:20 |
| S39 | 1    | S38 and (chart near3 after)   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/07<br>00:20 |

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| S40 | 310 | before-and-after   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/07<br>00:21 |
| S41 | 0   | (before-and-after)<br>near3 (chart or graph)   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/07<br>00:21 |
| S42 | 788 | (before and after)<br>near3 (chart or graph)   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/07<br>00:21 |
| S43 | 4   | ((before and after)<br>near3 (chart or<br>graph)) with<br>relationship   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/07<br>00:21 |
| S44 | 493 | ((before and after)<br>with (chart or graph))<br>with relationship   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/07<br>00:22 |
| S45 | 1   | ((before and after)<br>with (chart or graph))<br>with relationship with<br>document                                  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/07<br>00:22 |
| S46 | 2   | ((before and after)<br>with (chart or graph))<br>with (relation or<br>relevancy or<br>relationship) with<br>document | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/07<br>00:22 |
| S47 | 5   | relevancy with<br>document with chart  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/07<br>00:25 |

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| S48 | 93   | compar\$4 with document with chart                              | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/07<br>00:30 |
| S49 | 20   | S48 and (before near5 after)                                    | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/07<br>00:32 |
| S50 | 0    | S48 and ((before near5 after) with (chart or graph))            | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/07<br>00:32 |
| S51 | 190  | compar\$4 with document with (graph or chart)                   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/07<br>00:33 |
| S52 | 4    | S51 and ((before near5 after) with (chart or graph))            | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/07<br>00:33 |
| S53 | 6219 | ((before near5 after) with (chart or graph))                    | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/07<br>00:51 |
| S54 | 2    | ((before near5 after) with (chart or graph)) with chronological | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/07<br>00:52 |
| S55 | 3    | ((before with after) with (chart or graph)) with chronological  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/07<br>00:55 |

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| S56 | 1112 | ((before with after)<br>with (chart or graph))<br>with time  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/07<br>00:55 |
| S57 | 586  | ((before near3 after)<br>with (chart or graph))<br>with time                                       | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/07<br>00:56 |
| S58 | 24   | ((before near3 after)<br>with (chart or graph))<br>with time with<br>relationship                  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/07<br>00:56 |
| S59 | 0    | ((before near3 after)<br>with (chart or graph))<br>with time with<br>relationship with<br>document | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/07<br>00:56 |
| S60 | 6    | ((before near3 after)<br>with (chart or graph))<br>with relationship with<br>pair                  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/07<br>00:58 |
| S61 | 1    | ((before near3 after)<br>with (chart or graph))<br>with relationship with<br>document\$1           | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/07<br>00:58 |
| S62 | 4    | ((before near3 after)<br>with (chart or graph))<br>with relevan\$4                                 | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/07<br>00:59 |
| S63 | 8    | creat\$4 with relation<br>\$4 with chart\$1 with<br>document\$1                                    | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/07<br>01:03 |



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| S64 | 0  | creat\$4 with relation<br>\$4 with chart\$1 with<br>before with after   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/07<br>01:11 |
| S65 | 0  | creat\$4 with relation<br>\$4 with chart\$1 with<br>past with future  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/07<br>01:11 |
| S66 | 2  | creat\$4 with relation<br>\$4 with chart\$1 with<br>past  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/07<br>01:12 |
| S67 | 28 | creat\$4 with relation<br>\$4 with chart\$1 with<br>(chronological\$3 or<br>time)   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/07<br>01:12 |
| S68 | 1  | (document near3<br>relevan\$3) with (time<br>near3 chart)   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/07<br>01:50 |
| S69 | 3  | (document near3<br>(compar\$4 or relevan<br>\$3 or relationship\$1))<br>with (time near3<br>chart)                            | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/07<br>01:50 |
| S70 | 3  | (document near3<br>(compar\$4 or relevan<br>\$3 or relationship\$1 or<br>relation\$1)) with (time<br>near3 chart)             | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/07<br>01:51 |
| S71 | 6  | ((text or document)<br>near3 (compar\$4 or<br>relevan\$3 or<br>relationship\$1 or<br>relation\$1)) with (time<br>near3 chart) | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/07<br>01:52 |

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| S72 | 1   | ((text or document) near3 (compar\$4 or relevan\$3 or relationship\$1 or relation\$1)) with chart with past                                   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/07<br>01:52 |
| S73 | 1   | ((text or document) near3 (compar\$4 or relevan\$3 or relationship\$1 or relation\$1)) with (graph or tree or chart) with past                | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/07<br>01:54 |
| S74 | 14  | ((text or document) near3 (compar\$4 or relevan\$3 or relationship\$1 or relation\$1)) with (graph or tree or chart) with before              | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/07<br>01:54 |
| S75 | 89  | ((text or document) near3 (change\$1 or compar\$4 or relevan\$3 or relationship\$1 or relation\$1)) with (graph or tree or chart) with time   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/07<br>01:59 |
| S76 | 3   | ((text or document) near3 (compar\$4 or relevan\$3 or relationship\$1 or relation\$1)) with (graph or tree or chart) with time with change\$1 | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/07<br>01:59 |
| S77 | 787 | ((text or document) near3 (compar\$4 or relevan\$3 or relationship\$1 or relation\$1)) with (graph or tree or chart)                          | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/07<br>02:01 |
| S78 | 10  | S77 and ((graph\$1 or chart\$1) with (past or before) with (present or after))  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/07<br>02:02 |

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